

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A reel-up/winder, comprising one or several members at least one support member (11,12; 30...34) that support supports the reel/roll (10) to be formed onto a reel/roll spool (16), of which members at least one of said support member is members has a set of belt rolls (12;30...34), which consists of a belt loop (15,34) which and is supported by means of at least two rolls (13,14;30,31), whose axes are substantially parallel to the axis of the reel/roll spool (16), wherein into the outer face of the a mantle of at least one roll (13,14;30,31) being which is in nip contact with the reel/roll (10) to be formed in said set of belt rolls (12;30...34), a substantially spiral-shaped groove pattern (204) has been is formed between the multiple deep a plurality of guide grooves (203), which are formed in the mantle, said spiral-shaped groove pattern (204) and said plurality of guide grooves being spaced and which extends across at least a portion of the axial width (l) of the roll mantle (202).

2. (Currently Amended) A reel-up/winder as claimed in claim 1, wherein it said support member comprises is a first winding drum (11) and said set of belt rolls is a second winding drum arrangement (12); having which consists of a first belt roll (13), of a second belt roll (14), and of

adjacent endless belts (15) fitted around said first and second belt rolls, the wherein a web (W), running runs through a first nip (NP₁) formed between the first winding drum (11) and the a paper roll (10) and through a second nip (NP₂) formed between the second winding drum arrangement (12) and the paper roll (10), wherein said web (W) and being is wound onto a roll spool (16), whereas into the and wherein an outer face of the a roll mantle (202) of the first belt roll (13) being is in nip contact with the paper roll(10) to be formed in the second winding drum arrangement (12), a substantially spiral-shaped groove (204) has been formed, which extends across the axial width (1) of the roll mantle (202).

3. (Currently Amended) A reel-up/winder as claimed in claim 1, wherein it comprises a reel cylinder (30), along with whose circumference the a web (W) runs along a circumference of said reel cylinder (30) before it is transferred, through a nip (N) formed by the reel cylinder (30) and by a reel spool (16), which rests resting on support rails (35), onto the a circumference of the reel (10) that is formed around the reel spool (16), and which reel-up further comprises an endless belt (34), which runs as guided by guide rolls (31...33) and through the nip (N) between the reel cylinder (30) and the reel (10), and which said belt (34) supports supporting the web (W) when the web (W) arrives in the reel-up and until the web (W) is reeled around the reel (10) that is formed onto the reel spool (16), whereas into the outer face (202) of the mantle of the reel cylinder (30) being in nip contact with the paper roll (10), a substantially spiral-shaped groove (204) has been formed, which extends across the axial width (1) of the mantle (202) of the reel cylinder (20).

4. (Currently Amended) A reel-up/winder as claimed in claim 1, wherein ~~a depth (h)~~ of said spiral-shaped groove (204) ~~is,~~ has a depth (h), at its deepest point, about 0.3 mm to about 1.5 mm.

5. (Currently Amended) A reel-up/winder as claimed in claim 1, wherein ~~a width (d)~~ of said spiral-shaped groove (204) ~~is~~ has a width (d) about 20 mm to about 150 mm.

6. (Currently Amended) A reel up/winder comprising:

a reel spool for forming a roll, said reel spool having an axis;
a support assembly comprising at least a first roll, at least a second roll and a belt arranged around said at least a first roll and said at least a second roll, wherein said at least first roll and said at least second roll each have an axis substantially parallel to said axis of said reel spool and wherein one of said at least a first roll and said at least a second roll has a substantially spiral - shaped groove pattern (204) formed on an outer surface of said roll and disposed between the multiple deep a plurality of guide grooves (203); and, said spiral-shaped groove pattern (204) and said guide groove pattern grooves extending along at least a portion of the ~~an~~ axial width of said roll.

7. (Currently Amended) The reel up/winder according to claim 6, further comprising a first winding drum and a paper web, wherein said first winding drum is arranged such that said paper web runs through a first nip defined by said first winding drum and said reel and then through a second

nip defined by said at least first roll of said support assembly.

8. (Currently Amended) The reel up/winder according to claim 6 7, further comprising a reel cylinder arranged before said reel spool in a direction of travel of said web.

9. (Currently Amended) The reel up/winder according to claim 6, wherein ~~a depth of said groove spiral-shaped groove (204) has a depth is~~ about .3 to about 1.5 mm.

10. (Currently Amended) The reel up/winder according to claim 9, wherein ~~the depth of said groove spiral-shaped groove (204) has a depth is~~ about .3 to about 1.0 mm.

11. (Currently Amended) The reel up/winder according to claim 6, wherein ~~a width of said spiral-shaped groove (204) has a width is~~ about 20 to about 150 mm.

12. (Currently Amended) The reel up/winder according to claim 11, ~~the width of said spiral-shaped groove (204) has a width is~~ about 35 to about 100mm.

13. (Currently Amended) A reel up/winder comprising:

a reel spool for forming a roll, said reel spool having an axis;

a reel cylinder arranged before said reel spool in a direction of travel of a web;

~~a~~ an endless belt arranged around a plurality of guide rolls and said reel cylinder, said endless belt structured and arranged to guide said web through a nip defined between said reel cylinder and said reel spool;

wherein an outer face of a mantle of said reel cylinder has a substantially spiral shaped groove formed therein, and disposed between the ~~multiple~~ deep a plurality of guide grooves (203),~~and~~, said groove spiral-shaped groove and said plurality of guide grooves extending across at least a portion of the ~~an~~ axial width of said reel cylinder.

14. (Currently Amended) A reel-up/winder as claimed in claim 4 1, wherein ~~the depth (h)~~ of said spiral-shaped groove (204) ~~is~~, has a depth (h) at its deepest point ~~is~~ about 0.3 mm to about 1.0 mm.

15. (Currently Amended) A reel-up/winder as claimed in claim 5 1, wherein ~~the width (d)~~ of said spiral-shaped groove (204) ~~is~~ has a width (d) about 35 mm to about 100 mm.

16. (Currently Amended) The reel up/winder according to claim 13, wherein ~~a depth of~~ said groove spiral-shaped groove (204) ~~has a depth~~ ~~is~~ about .3 to about 1.5 mm.

17. (Currently Amended) The reel up/winder according to claim 16, wherein ~~the depth of~~ said groove spiral-shaped groove (204) ~~has a depth~~ ~~is~~ about .3 to about 1.0 mm.

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18. (Currently Amended) The reel up/winder according to claim 13, wherein ~~a width of said spiral-shaped groove (204) has a width is~~ about 20 to about 150 mm.

19. (Currently Amended) The reel up/winder according to claim 18, ~~the width of said spiral-shaped groove (204) has a width is~~ about 35 to about 100mm.